

08/16/97
581001172
Class
Supclass
ISSUE CLASSIFICATION
SCANNED

APR 20 1999

5894832



SERIAL NUMBER 08/931,172 FILING DATE 09/16/97 CLASS 123 SUBCLASS 471 GROUP ART UNIT 3111 EXAMINER VO

APPLICANTS TOSHIHARU NOGI, NITACH-NAKA-SHI, JAPAN; FRANK W. HUNT, WHITE LAKE, MI.

CONTINUING DATA***

VERIFIED THIS APPLN IS A CON OF 08/679,273 07/12/96, abandonment
YES VO

FOREIGN/PCT APPLICATIONS***

VERIFIED

NONE VO

OFFICE

2000

OFFICE

FOREIGN FILING LICENSE GRANTED 01/20/98

Foreign priority claimed 35 USC 119 conditions met ☐ yes ☒ no AS FILED ☒ STATE OR COUNTRY JPX SHEETS DRWGS. 14 TOTAL CLAIMS 32 INDEP. CLAIMS 4 FILING FEE RECEIVED \$1,114.00 ATTORNEYS DOCKET NO. HAL-073CON

ADDRESS JOHN J SIDERIS Douglas W. Sprinkle
HITACHI AMERICA 280 N. Old Woodward, Ste 400
50 PROSPECT AVENUE Birmingham, MI 48009
TARRYTOWN NY 10591

TITLE COLD START ENGINE CONTROL APPARATUS AND METHOD

U.S. DEPT. OF COMM. / PAT. & TM - PTO-436L (Rev.12-94)

PARTS OF APPLICATION
FILED SEPARATELY

Applications Examiner

NOTICE OF ALLOWANCE MAILED

CLAIMS ALLOWED

HIEU T. VO
Assistant Examiner

Total Claims 36
Print Claim 1

ISSUE FEE

DRAWING

Amount Due 1320
Date Paid 1-19-99

Willis R. Wolfe
Primary Examiner
Art Unit 3747

Sheets Drwg. 14
Figs. Drwg. 23
Print Fig. 12

Label
Area

PREPARED FOR ISSUE

ISSUE
BATCH
NUMBER

WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-436A
(Rev. 8/92)

SCAN 5 bw
CC Doc

THIS FILE IN FILE

(FACE)